

For Research Use Only

CoraLite®594-conjugated EEF1B2 Monoclonal antibody



Catalog Number:CL594-60329

Basic Information

Catalog Number: CL594-60329	GenBank Accession Number: BC000211	Purification Method: Protein G purification
Size: 100UL, Concentration: 2000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1933	CloneNo.: 3E1C11
Source: Mouse	Full Name: eukaryotic translation elongation factor 1 beta 2	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 25 kDa	Excitation/Emission maxima wavelengths: 593 nm/614 nm
Immunogen Catalog Number: AG0135	Observed MW: 30-34 kDa	

Applications

Tested Applications: IF, ELISA	Positive Controls: IF : HeLa cells,
Species Specificity: human	

Background Information

In eukaryotes, the translation elongation factor eEF1A responsible for transporting amino-acylated tRNA to the ribosome forms a higher-order complex, eEF1H, with its guanine-nucleotide-exchange factor eEF1B. eEF1B consists of three subunits: eEF1B alpha, eEF1B beta and eEF1B gamma. The eEF1B2 possess the nucleotide-exchange activity. Although several models on the basis of in vitro experiments have been proposed for the macromolecular organization of the eEF1H complex, these models differ in various aspects. The human eukaryote elongation factor 1 beta 2 (eEF1B2) migrated as a 30-34 kDa protein in SDS-PAGE.

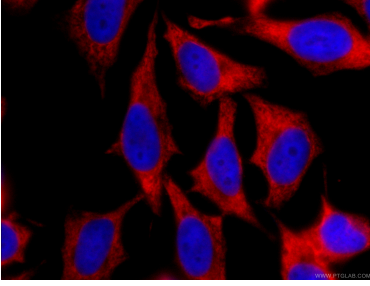
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CL594-60329 (EEF1B2 antibody) at dilution of 1:100.